

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 29920-200170	SERIAL NO. 10/578,679
	APPLICANT Reilly, James P., et al.	
	FILING DATE May 9, 2006	GROUP

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
/BS/	AA	6,323,482	27 Nov 2001	Clemmer & Reilly			
	AB						
	AC						
	AD						
	AE						
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	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

/BS/	AR	Barbacci, D. C., et al., "Sequence and Side-Chain Specific Photofragment (193 nm) Ions from Protonated Substance P by Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry," <i>J. Am. Soc. Mass Spectrom.</i> 10: 1038-1040 (1999)
	AS	Beardsley, R. L., and Reilly, J. P., "Quantitation Using Enhanced Signal Tags: A Technique for Comparative Proteomics," <i>J. Proteome Research</i> 2:15-21 (2003)
	AT	Beardsley, R. L., et al., "Optimization of Guanidination Procedures for MALDI Mass Mapping," <i>Anal. Chem.</i> 74, 1884-1890 (2002)
	AU	Bowers, W. D., et al., "Fragmentation of Oligopeptide Ions Using Ultraviolet Laser Radiation and Fourier Transform Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , 106: 7288-7289 (1984)
	AV	Breci, L. A., et al., "Cleavage N-Terminal to Proline: Analysis of a Database of Peptide Tandem Mass Spectra," <i>Anal. Chem.</i> , 75, 1963-1971 (2003)
	AW	Cooper, H. J., et al., "Characterization of Amino Acid Side Chain Losses in Electron Capture Dissociation," <i>J. Amer. Soc. Mass Spectrom.</i> 13, 241-249 (2002)
	AX	Harrison, A. G., "The Gas-Phase Basicities and Proton Affinities of Amino Acids and Peptides," <i>Mass Spectrom. Reviews</i> , 16, 201-217 (1997)
	AY	Hunt, D. F., et al., "Protein Sequencing by Tandem Mass Spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> 83, 6233-6237 (1986)
	AZ	Hunt, D. F., et al., "Sequence Analysis of Oligopeptides by Secondary Ion/Collision Activated Dissociation Mass Spectrometry," <i>Anal. Chem.</i> , 53, No. 11, 1704-1706 (1981)

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10/10/2008

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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	BL						
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/BS/	BR	Johnson, R. S., et al., "Collision-Induced Fragmentation of (M+H) ⁺ Ions of Peptides. Side Chain Specific Sequence Ions" <i>Int. J. Mass Spectrom Ion Processes</i> 86:137-154 (1988)
	BS	Kaufmann, R., et al., "Sequencing of peptides in a time-of-flight mass spectrometer: evaluation of postsource decay following matrix-assisted laser desorption ionisation (MALDI)," <i>Int. J. Mass Spectrom. and Ion Proc.</i> 131: 355-385 (1994)
	BU	Kelleher, N. L., et al., "Top Down versus Bottom Up Protein Characterization by Tandem High-Resolution Mass Spectrometry," <i>J. Am. Chem. Soc.</i> 121, No. 4, 806-812 (1999)
	BT	Keough, T., et al., "A method for high-sensitivity peptide sequencing using postsource decay matrix-assisted laser desorption ionization mass spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> 96, 7131-7136 (1999)
	BV	Kruger, N. A., et al., "Electron capture versus energetic dissociation of protein ions," <i>Int. J. Mass Spectrom.</i> , 182/183, 1-5 (1999)
	BW	Little, D. P., et al., "Infrared Multiphoton Dissociation Of Large Multiply Charged Ions For Biomolecule Sequencing," <i>Anal. Chem.</i> , 66, No. 18, 2809-2815 (1994)
	BX	Martin, S. A., et al., "Photon-Induced Dissociation with a Four-Sector Tandem Mass Spectrometer," <i>J. Am. Soc. Mass. Spectrom.</i> , 1, 107-109 (1990)
	BY	Medzhiradzsky, K. F., et al., "The Characteristics of Peptide Collision-Induced Dissociation Using a High-Performance MALDI-TOF/TOF Tandem Mass Spectrometer," <i>Anal. Chem.</i> , 72, 552-558 (2000)
	BZ	Peterson, D. L., et al., "Polarized Electronic Absorption Spectrum of Amides with Assignments of Transitions," <i>J. Am. Chem. Soc.</i> , 79, 2375-2382 (1957)

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	CL						
	CM						
	CN						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
/BS/	CR	Preiss, J. W., et al. "Spectra of Some Amino Acids, Peptides, Nucleic Acids, and Protein in the Vacuum Ultraviolet," <i>J. Chem. Phys.</i> , 25, No. 1, 138-141 (1956)
↓	CS	Price, W. D., et al. "Tandem Mass Spectrometry of Large Biomolecule Ions by Blackbody Infrared Radiative Dissociation," <i>Anal. Chem.</i> , 68, No. 5, 859-866 (1996)
↓	CT	Roepstorff, P. et al., "Proposal for a Common Nomenclature for Sequence Ions in Mass Spectra of Peptides," <i>Biomed. Mass Spectrom.</i> , 11, No. 11, 601 (1984)
↓	CU	Spengler, B., et al., "Fundamental Aspects of Postsource Decay in Matrix-Assisted Laser Desorption Mass Spectrometry. 1. Residual Gas Effects," <i>J. Phys. Chem.</i> , 96, No. 24, 9678-6984 (1992)
↓	CV	Williams, E. R., et al., "Surface-Induced Dissociation of Peptide Ions in Fourier-Transform Mass Spectrometry," <i>J Am Soc Mass Spectrom</i> , 1, 413-416 (1990).
↓	CW	Zimmerman, J. A., et al. "Multiphoton Ionization of Laser-Desorbed Neutral Molecules in a Fourier Transform Ion Cyclotron Resonance Mass Spectrometer," <i>Anal. Chem.</i> , 63, 361-365 (1991)
↓	CX	Zubarev, R. A., et al., "Electron Capture Dissociation Of Multiply Charged Protein Cations. A Nonergodic Process," <i>J. Am. Chem. Soc.</i> , 120, 3265-3266 (1998)
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